*#11/ K.T. 6/26 /1635 Raw Seq Listing*

*E. Epps*

**RAW SEQUENCE LISTING**
PATENT APPLICATION:  US/09/536,552

DATE: 06/05/2001
TIME: 13:33:01

**ENTERED**

Input Set : **A:\9926003a.txt**
Output Set: **C:\CRF3\06052001\I536552.raw**

```
 4 <110> APPLICANT: Mason A.
 5         Xu, L.
 6         Guo, L.
 8 <120> TITLE OF INVENTION: IDENTIFICATION OF A NOVEL RETROVIRUS ASSOCIATED WITH PRIMARY
 9         SCLEROSING CHOLANGITIS AND AUTOIMMUNE HEPATITIS
11 <130> FILE REFERENCE: 9926-003
13 <140> CURRENT APPLICATION NUMBER: US/09/536,552
13 <141> CURRENT FILING DATE: 2000-03-28
13 <160> NUMBER OF SEQ ID NOS: 12
15 <210> SEQ ID NO: 1
16 <211> LENGTH: 126
17 <212> TYPE: DNA
18 <213> ORGANISM: Artificial Sequence
20 <220> FEATURE:
21 <223> OTHER INFORMATION: OB1-DP52r clone
23 <400> SEQUENCE: 1
24 tggaaggtgt taccacaggg ataaagtttc taatcaattc acctatggtt atattcattt 60
25 attcgactcc tttctcttta ttcctcacca ttaattttct tgcccaagta catggatgac 120
26 ctccct                                                              126
28 <210> SEQ ID NO: 2
29 <211> LENGTH: 125
30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: OB1-DP54 clone
36 <400> SEQUENCE: 2
37 tggaaggtgc tgccacaagg ataaagtttc caatcaattc acctatggtt atattcattt 60
38 attcgactcc tttctcttta ttcctcacca ttaattttct tgcccaagta catggatgac 120
39 ctccc                                                               125
41 <210> SEQ ID NO: 3
42 <211> LENGTH: 124
43 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: OB1-DP55 clone
49 <400> SEQUENCE: 3
50 tggaaggtgt tgccacaagg ataaagtttc caatcaattc acctatggtt atattcattt 60
51 attcgactcc tttctcttta ttcctcacca ttaattttct tgcccaagta catggatgac 120
52 atca                                                                124
54 <210> SEQ ID NO: 4
55 <211> LENGTH: 121
56 <212> TYPE: DNA
57 <213> ORGANISM: Artificial Sequence
59 <220> FEATURE:
60 <223> OTHER INFORMATION: NB6-e27.3r clone
62 <221> NAME/KEY: modified_base
63 <222> LOCATION: (1)...(121)
```

```
 64 <223> OTHER INFORMATION: n=a, c, g, or t
 66 <400> SEQUENCE: 4
 67 tttggaaggt gttgccanag ggatgaagtt tccaatcgaa ttcacctatg gttatattca 60
 68 tttattcgac tcctttctct ttattcctca ccattaattt tcttgcccaa gtacatggat 120
 69 g                                                                   121
 71 <210> SEQ ID NO: 5
 72 <211> LENGTH: 101
 73 <212> TYPE: DNA
 74 <213> ORGANISM: Artificial Sequence
 76 <220> FEATURE:
 77 <223> OTHER INFORMATION: NB6-e27.4r clone
 79 <400> SEQUENCE: 5
 80 aggataaagt ttccaatcga attcacctat ggttatattc atttattcga ctcctttctc 60
 81 tttattcctc accattaatt ttcttgccca agtacatgga t                      101
 83 <210> SEQ ID NO: 6
 84 <211> LENGTH: 120
 85 <212> TYPE: DNA
 86 <213> ORGANISM: Artificial Sequence
 88 <220> FEATURE:
 89 <223> OTHER INFORMATION: NB6-e27.5r clone
 91 <400> SEQUENCE: 6
 92 ctttggaagg tgttgcccca aggataaagt ttccaatcaa tgcacctatg gttatattca 60
 93 tttattcgac tcctttctct ttattcctca ccattaattt tcttgcccaa gtacatggat 120
 95 <210> SEQ ID NO: 7
 96 <211> LENGTH: 120
 97 <212> TYPE: DNA
 98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: NB6-e27.15r clone
103 <221> NAME/KEY: modified_base
104 <222> LOCATION: (1)...(120)
105 <223> OTHER INFORMATION: n=a, c, g, or t
107 <400> SEQUENCE: 7
108 tttggaaggt gttgcnnnag ggaataaagt ttccaatcga attcacctat ggttatattc 60
109 atttattcga ctcctttctc tttattcctc accattaatt ttcttgccca agtacatgga 120
111 <210> SEQ ID NO: 8
112 <211> LENGTH: 20
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: primer
119 <221> NAME/KEY: modified_base
120 <222> LOCATION: (1)...(20)
121 <223> OTHER INFORMATION: I
123 <400> SEQUENCE: 8                                                    20
124 tggaangtny trccmcargg
126 <210> SEQ ID NO: 9
127 <211> LENGTH: 17
128 <212> TYPE: DNA
```

6/5/01

RAW SEQUENCE LISTING
PATENT APPLICATION:  US/09/536,552

Input Set : A:\9926003a.txt
Output Set: C:\CRF3\06052001\I536552.raw

```
129 <213> ORGANISM: Artificial Sequence
131 <220> FEATURE:
132 <223> OTHER INFORMATION: primer
134 <221> NAME/KEY: modified_base
135 <222> LOCATION: (1)...(17)
136 <223> OTHER INFORMATION: I
138 <400> SEQUENCE: 9                                           17
139 nnnnadrtca tccatrt
141 <210> SEQ ID NO: 10
142 <211> LENGTH: 24
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: primer
149 <400> SEQUENCE: 10                                          24
150 gtgctgccac aaggataaag tttc
152 <210> SEQ ID NO: 11
153 <211> LENGTH: 22
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: primer
160 <400> SEQUENCE: 11                                          22
161 gggaggtcat ccatgtactt gg
163 <210> SEQ ID NO: 12
164 <211> LENGTH: 25
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: primer
171 <400> SEQUENCE: 12                                          25
172 cgactccttt ctctttattc ctcac
```

**VERIFICATION SUMMARY**
PATENT APPLICATION: **US/09/536,552**

DATE: 06/05/2001
TIME: 13:33:02

Input Set : **A:\9926003a.txt**
Output Set: **C:\CRF3\06052001\I536552.raw**

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9